

July 7, 2003

Department of Environmental Quality Division of Water Quality 288 North 1460 West P.O. Box 144870 Salt Lake City, UT 84114-4870

Gentleman:

Enclosed are the monthly discharge reports for the Deer Creek, Des-Bee-Dove, Trail Mountain, and Wilberg mines and the Hunter Coal Preparation and Blending Facility for the month of May, 2003. There were no exceedances to report for this reporting period.

I apologize for the lateness of these reports. During the month of June and into the first part of July, the person responsible for collecting mine discharge flow data has not been available to collect this information. If you have any questions concerning this report, please feel free to call Dennis Oakley at 687-4825 or Chuck Semborski at 687-4720.

Deer Creek Mine

Fax (801) 381-2285

(801) 381-2317

Sincerely,

Carl Pollastro

Technical Services Manager

Encl

Cc: Division of Oil, Gas and Mining

Coal Regulatory Program 1594 West North Temple, Suite 1210 Salt Lake City, Utah 84114-5801

Chuck Semborski, with enclosures

Dennis Oakley,

Ken Fleck

Name: PacifiCorp, Energy West Mining Company

Address: P.O. Box 310

Huntington, Utah 84528 Facility: **Trail Mountain Mine**

UT0023728 Permit Number 05/01/2003 05/31/2003 Monitoring Period Sediment pond outfall into Cottonwood Ck.

001A Discharge Number No Discharge

Parameter		Quan	tity or Loadin	g	Qı	uantity or Co	oncentration			Frequency of	
- W. W 		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample Measurement				*****	*****	*****	****		1/30	Measrd
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	*****	*****	*****	****		once/month	Estimated
рН	Sample Measurement	*****	*****	****		*****				1/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	*****	*****	****	*****					1/30	Grab
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	25 30 day avg	70 daily max	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	*****	****	*****	*****				1/30	Grab
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	*****	0.5 Dail x	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	*****	****	*****	21				1/30	Grab
1045 10 0 Pe ffluent Gross Value Re	Permit Requirement	*****	******	**	156	C******	.4 Daily max	(19) mg/L		once/month	Grab
Oil and Grease	Sample Measurement	*****	NO	****	*****	*****				0	-
03582 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	*****	10 Daily max	(19) mg/L		See Permit	Grab
Solids, Total Dissolved	Sample Measurement	*****			*****	*****				1/30	Grab
70295 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	*****	*****	5000 Daily max	(19) mg/L		once/month	Grab
Oil and Grease, Visual	Sample Measurement	*****		(94)	*****	*****	*****	****		4/30	Visual
84066 1 0 0 Effluent Gross Value	Permit Requirement	*****	0 inst max	yes =1 no=0	*****	*****	*****	****		Weekly	Visual
Name/Title Principal Ex	xecutive Officer		of law that I have persona	•		Date:	07/23/2	003		Telephone	
Dee Jense - Preside Mining Cor		immediately responsib information is true, acc for submitting false in	herein; and based on my ble for obtaining the information, including the p	nation, I believ aware that the ossibility of fin	e the submitted re significant penalties ne and imprisonment.		agella	ster	435	687	-9821
Typed or Pri			n 1001 and 33 USC paragup to \$10,000 and or ma.				Principal Executive O Authorized Agent	fficer or	Area Code	Nu	mber
Comments and avalence						L			1	1	

Comments and explanation of any violations:

During storm discharge, sample for settleable solids; Sample for oil and grease is only required when sheen is observed

Copied from EPA Form 3320-1 (8-95)

Name: PacifiCorp, Energy West Mining Company

Address: P.O. Box 310

Huntington, Utah 84528 Facility: **Trail Mountain Mine**

UT0023728 Permit Number 05/01/2003 05/31/2003 Monitoring Period Outfall into Cottonwood Ck.

002A Discharge Number No Discharge

Parameter		Quan	tity or Loadir	ng	Q	uantity or Co	oncentration	_		Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample Measurement				*****	*****	*****	****		2/30	Measurd
0056 100 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	*****	*****	*****	****		twice/month	Estimated
Н	Sample Measurement	*****	*****	****		*****				2/30	Grab
0400 1 0 0 ffluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU		once/month	Grab
olids, Total Suspended	Sample Measurement	*****	*****	****	*****					2/30	Grab
0530 1 0 0 Iffluent Gross Value	Permit Requirement	*****	*****	****	*****	25 30 day avg	70 daily max	(19) mg/L		twice/month	Grab
ettleable Solids	Sample Measurement	*****	*****	****	*****	*****				**	**
0545 R 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	*****	0.5 Daji x	(25) mL/L		once/month	Grab
on, Total (as Fe)	Sample Measurement	*****	*****	****	*****	21				2/30	Grab
1045 10 0 P ffluent Gross Value S	Permit Requirement	*****	******	**	36	C*****	.4 Daily max	(19) mg/L		twice/month	Grab
oil and Grease	Sample Measurement	*****	NO	***	*****	*****				**	**
3582 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	*****	10 Daily max	(19) mg/L		See Permit	Grab
Solids, Total Dissolved	Sample Measurement	*****	*****	****	*****	*****				2/30	Grab
0295 100 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	*****	1200 Daily max	(19) mg/L		twice/month	Grab
Oil and Grease, Visual	Sample Measurement	*****		(94)	*****	*****	*****	****		4/30	Visual
4066 1 0 0 Effluent Gross Value	Permit Requirement	*****	0 inst max	yes =1 no=0	*****	*****	*****	****		Weekly	Visual
Name/Title Principal E	xecutive Officer		of law that I have person	•		Date:	07/07/2	003		Telephone	
Dee Jense - Preside Mining Cor		immediately responsible information is true, act for submitting false in	herein; and based on my ole for obtaining the information and complete. I am formation, including the p	mation, I believed aware that the possibility of fire	re the submitted re significant penalties ne and imprisonment.		sofilla.	steo	435	687-	-9821
Typed or Pri		1 0 1	n 1001 and 33 USC parag up to \$10,000 and or ma	, 1			Principal Executive O Authorized Agent	fficer or	Area Code	Nu	mber
Tomments and explana		<u> </u>				1				1	

Comments and explanation of any violations:

Sample for oil and grease is only required when sheen is observed

Name: PacifiCorp, Energy West Mining Company

Address: P.O. Box 310

Huntington, Utah 84528 Facility: **Deer Creek Mine**

UT0023604 Permit Number 05/01/2003 05/31/2003 Monitoring Period Deer Creek Mine Discharge

002 Discharge Number No Discharge

Parameter		Quan	tity or Loadin	g	Qı	uantity or Co	oncentration			Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample Measurement	0.98	1.1		*****	*****	*****	****	0	1/30	Measured
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	*****	*****	*****	****		once/month	Estimated
ьН	Sample Measurement	*****	*****	****	6.62	*****	6.62		0	1/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU		once/month	Grab
solids, Total Suspended	Sample Measurement	*****	*****	****	5	5	5		0	1/30	Grab
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	25 30 day avg	35 max 7 day avg	70 daily max	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	*****	****	*****	*****	N/A		***	****	****
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	*****	0.5 Daily max	(25) mL/L		once/month	Grab
ron, Total (as Fe)	Sample Measurement	*****	*****	****	*****		0.94		0	1/30	Grab
045 10 0 Pe fluent Gross Value R	Permit Requirement	*****	*****	****	*****	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Oil and Grease Freon Extr-Grav Method	Sample Measurement	*****	*****	****	*****	*****	N/A		***	**	**
00556 000 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	*****	10 Daily max	(19) mg/L		See Permit	Grab
Solids, Total Dissolved 80 °C	Sample Measurement	*****	*****	****	*****	N/A	449		0	1/30	Grab
70300 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	800 Qrtr avg	1000 Daily max	(19) mg/L		once/month	Grab
Dil and Grease, Visual	Sample Measurement	*****	0	(94)	*****	*****	*****	****	0	4/30	Visual
34066 1 0 0 Effluent Gross Value	Permit Requirement	*****	0 inst max	yes =1 no=0	*****	*****	*****	****		Weekly	Visual
Name/Title Principal Exc	ecutive Officer		of law that I have persona	•		Date:	07/07/20	003		Telephone	
Dee Jense - Presider Mining Com		immediately responsibl information is true, acc for submitting false info	herein; and based on my in e for obtaining the informular trate and complete. I ampromation, including the poly 1001 and 33 USC paragi	nation, I believ aware that the ossibility of fir	e the submitted re significant penalties e and imprisonment.		ng lla	ster	435	687-	9821
Typed or Prin			up to \$10,000 and or max				Principal Executive Of Authorized Agent	fficer or	Area Code	Nun	nber

Comments and explanation of any violations:

Sample oil and grease only when a hseen is observed, or there is another reason to believe oil is present. Fill in N/A when a test is not performed.

Name: PacifiCorp, Energy West Mining Company

Address: P.O. Box 310

Huntington, Utah 84528
Facility: **Deer Creek Mine**

UT0023604 Permit Number 05/01/2003 05/31/2003 Monitoring Period Deer Creek Mine Sediment Pond Discharge

001 Discharge Number No Discharge

Parameter		Quar	ntity or Loadin	g	Qı	uantity or Co	oncentration			Frequency of	
2 0.2 0.2 0.2 0.2		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample Measurement	0.028	0.028		*****	*****	*****	****	0	1/30	Measured
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	*****	*****	*****	****		once/month	Estimated
ρΗ	Sample Measurement	*****	*****	****	6.54	*****	6.54		0	1/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	*****	*****	****	7	7	7		0	1/30	Grab
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	25 30 day avg	35 max 7 day avg	70 daily max	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	*****	****	*****	*****	N/A		***	**	**
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	*****	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	*****	****	*****	0.09	0.09		0	1/30	Grab
045 10 0 Per Rough	Permit Requirement	*****	*****	****	*****	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Oil and Grease Freon Extr-Grav Method	Sample Measurement	*****	*****	****	*****	*****	N/A		***	**	**
00556 0 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	*****	10 Daily max	(19) mg/L		See Permit	Grab
Solids, Total Dissolved 180 °C	Sample Measurement	*****	308.5		*****	1310	1310		0	1/30	Grab
70300 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	*****	Report 30 day avg	5000 Daily max	(19) mg/L		once/month	Grab
Oil and Grease, Visual	Sample Measurement	*****	0	(94)	*****	*****	*****	****	0	4/30	Visual
84066 1 0 0 Effluent Gross Value	Permit Requirement	*****	0 inst max	yes =1 no=0	*****	*****	*****	****		Weekly	Visual
Name/Title Principal Exc	ecutive Officer		y of law that I have personal herein; and based on my			Date:	07/07/2	003		Telephone	
Dee Jense - Preside Mining Com		immediately responsil information is true, ac for submitting false in	ble for obtaining the infornation and complete. I am aformation, including the p	nation, I believ aware that the ossibility of fir	re the submitted re significant penalties ne and imprisonment.		afella	ster	435	687-	9821
Typed or Prin			oh 1001 and 33 USC paragi s up to \$10,000 and or ma.)			- C	Principal Executive O	fficer or	Area Code	Nun	nber

Comments and explanation of any violations:

Sample oil and grease only when a hseen is observed, or there is another reason to believe oil is present. Fill in N/A when a test is not performed.

Name: PacifiCorp, Energy West Mining Company

Address: P.O. Box 310

Huntington, Utah 84528
Facility: Cottonwood/Wilberg Mine

UT0022896 Permit Number 05/01/2003 05/31/2003 Monitoring Period Mine discharge into Cottonwood Canyon Creek

001A No Discharge
Discharge Number

Parameter		Quant	tity or Loadin	ıg	Qı	antity or Co	oncentration			Frequency of	
1 ur umover		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample Measurement	0.031	0.031		*****	*****	*****	****	0	1/30	Measured
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	(03) mgd	*****	******	*****	****		once/month	Measured
рН	Sample Measurement	*****	*****	****	6.9	*****	6.9		0	1/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	*****	*****	****	<5	<5	<5		0	1/30	Grab
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	25 30 day avg	35 7 day max	70 daily max	(19) mg/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	*****	****	*****	*****	0.01		0	1/30	Grab
01045 10 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	*****	1.8 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	*****	195.3		*****	*****	*****	****	0	1/30	Grab
0295 1 0 0 Per Effluent Gross Value Re	Permit Requirement	*****	2000 Daily max	(26) lbs/day	*****	*****	*****	****		once/month	Grab
Oil and Grease	Sample Measurement	*****	*****	****	*****	*****	N/A		***	**	**
03582 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	*****	10 Daily max	(19) mg/L		See Permit	Grab
Oil and Grease, Visual	Sample Measurement	*****	0	(94)	*****	*****	*****	****	0	4/30	Visual
84066 000 Effluent Gross Value	Permit Requirement	*****	0 inst max	yes =1 no=0	*****	*****	*****	****		Weekly	Visual
	Sample Measurement										
	Permit Requirement										
Name/Title Principal Exc	ecutive Officer		of law that I have personate			2	07/07/20			Telephone	
Dee Jense - Presider Mining Com		immediately responsibl information is true, acc for submitting false info	e for obtaining the informurate and complete. I amormation, including the p	nation, I believe aware that ther ossibility of fin	e the submitted re significant penalties e and imprisonment.		ngella	ster	435	687-	-9821
Typed or Prin		1 0 1	1001 and 33 USC parag up to \$10,000 and or ma				Principal Executive Of Authorized Agent	fficer or	Area Code	Nu	mber

Comments and explanation of any violations:

Name: PacifiCorp, Energy West Mining Company

Address: P.O. Box 310

Huntington, Utah 84528
Facility: Cottonwood/Wilberg Mine

UT0022896 Permit Number Minor

Sediment pond outfall into Grimes Wash

003A

Discharge Number

No Discharge

	Ī	<u> </u>			1				1	1	
Parameter			tity or Loadin			nantity or Co	1			Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Typ
Flow Rate	Sample Measurement				*****	*****	*****	****		1/30	Measured
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	(03) mgd	*****	*****	*****	****		once/month	Measured
рΗ	Sample Measurement	*****	*****	****		*****				1/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	*****	*****	****						1/30	Grab
00530 1 0 0 Effluent Gross Value	Permit Requirement	******	*****	****	25 30 day avg	35 7 day a x		(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	*****	****		216	190			1/30	Grab
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	*****			*****	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	*****	****	*****					1/30	Grab
01045 10 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	*****			*****	*****	*****	****		1/30	Grab
70295 100 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	*****	*****	*****	****		once/month	Grab
Oil and Grease, Visual	Sample Measurement	*****		(94)	*****	*****	*****	****		4/30	Visual
84066 1 0 0 Effluent Gross Value	Permit Requirement	*****	0 inst max	yes =1 no=0	*****	*****	*****	****		Weekly	Visual
Name/Title Principal Exc	ecutive Officer		of law that I have persona	•		Date:	07/07/20	003		Telephone	
Dee Jense - Preside Mining Com		immediately responsible information is true, acc for submitting false info	nerein; and based on my in the for obtaining the informurate and complete. I ampormation, including the p	nation, I believ aware that ther ossibility of fin	e the submitted re significant penalties re and imprisonment. See		Mellas	tes	435	687	-9821
Typed or Prin			1 and 33 USC paragraph 1 0,000 and or maximum in			8	rincipal Executive O	fficer or	Area Code	Nu	mber
1 ypeu or Frii	iicu					<u> </u>					

Comments and explanation of any violations:

Name: PacifiCorp, Energy West Mining Company

Address: P.O. Box 310

Huntington, Utah 84528
Facility: Cottonwood/Wilberg Mine

UT0022896 Permit Number 05/01/2003 05/31/2003 Monitoring Period Minor

Sediment pond outfall into Cottonwood Ck.

004A Discharge Number No Discharge

Flow Rate 00056 1 0 0 Effluent Gross Value Permit Requirement 00400 1 0 0 Effluent Gross Value Sample Measurement 00530 1 0 0 Effluent Gross Value Requirement Sample Measurement 00530 1 0 0 Effluent Gross Value Fermit Requirement Sample Iron, Total (as Fe) 01045 10 0 Effluent Gross Value Solids, Total Dissolved 70295 1 0 0 Effluent Gross Value Sample Measurement Permit Requirement Sample Measurement Permit Requirement Sample Measurement Permit Requirement Permit Requirement Permit Permit	Report Daily max * ****** * ******* * ******* * ******	(03) mgd * **** * **** * ****	Minimum ****** ******* 6.5 Inst min	Average ****** ****** ****** ****** ******	Maximum ****** ******* 9.0 Inst max 1.0	Units **** (12) SU (19) mg/L	No. Ex.	Frequency of Analysis once/month once/month	Measured Grab Grab
Flow Rate 00056 1 0 0 Effluent Gross Value Permit Requirement Sample Measurement 00400 1 0 0 Effluent Gross Value Requirement Sample Measurement Sample Measurement	Daily max * ****** * ****** * ****** * ******	*****	****** 6.5 Inst min	****** ****** 35 Report	****** 9.0 Inst max	**** (12) SU (19) mg/L		once/month	Grab
Effluent Gross Value PH 00400 1 0 0 Effluent Gross Value Sample Measurement Permit Requirement Sample Measurement Sample Measurement Sample Measurement Permit Requirement Sample Measurement Sample Measurement Permit Requirement Sample Measurement Sample Measurement Sample Measurement Permit Requirement Sample Measurement Sample Measurement Sample Measurement Sample Measurement Permit Requirement Sample Measurement Sample Measurement Permit Requirement Sample Measurement Sample Measurement Permit Requirement Sample Measurement Sample Measurement Sample Measurement Permit Requirement Sample Measurement Sample Measurement Permit Requirement Sample Measurement	Daily max * ****** * ****** * ****** * ******	*****	6.5 Inst min	******* ******* 35 10 Report	9.0 Inst max	(12) SU (19) mg/L		once/month	Grab
pH 00400 1 0 0 Effluent Gross Value Solids, Total Suspended 00530 1 0 0 Effluent Gross Value Requirement Sample Measurement Measurement Sample Measurement Permit Requirement Sample Measurement Permit Requirement Sample Measurement Sample Measurement Permit Requirement Sample Measurement Permit Requirement Sample Measurement Sample Measurement Permit Requirement Sample Measurement Permit Requirement Sample Measurement Permit Requirement Sample Measurement	* ****** * ****** * ****** * ***** * ***** * *****	**** **** ***** *****	Inst min	****** 35 10 Report	Inst max	SU (19) mg/L			
Effluent Gross Value Solids, Total Suspended 00530 1 0 0 Effluent Gross Value Iron, Total (as Fe) 01045 10 0 Effluent Gross Value Sample Measurement Sample Measurement Permit Requirement Sample Measurement Permit Requirement Sample Measurement Sample Measurement Sample Measurement Sample Measurement Sample Measurement Sample Measurement Permit Requirement Sample Measurement	* ****** * ****** * ***** * ***** * *****	****	Inst min	35 ha	Inst max	SU (19) mg/L			
Solids, Total Suspended 00530 1 0 0 Effluent Gross Value Iron, Total (as Fe) 01045 10 0 Effluent Gross Value Sample Measurement Permit Requirement Sample Measurement Sample Measurement Sample Measurement Permit Requirement Sample Measurement Sample Measurement Permit Requirement Sample Measurement	* ****** * ***** * ***** * *****	****	25 30 day 12 1 1 5 ********	Report		mg/L		once/month	Grab
Effluent Gross Value Requirement Sample Measurement Permit Requirement Sample Measurement Sample Measurement Sample Measurement Sample Measurement Permit Requirement Sample Measurement Permit Requirement Sample Measurement Sample Measurement Sample Measurement Sample Measurement Sample Measurement Sample Measurement Permit Requirement Sample Measurement	* *****	****	25 30 day 18 1 1 1 1 1 1 1 1 1 1	Report		mg/L		once/month	Grab
Iron, Total (as Fe) 01045 10 0 Effluent Gross Value Solids, Total Dissolved 70295 1 0 0 Effluent Gross Value Sample Measurement Permit Requirement Sample Measurement Sample Measurement Permit Requirement Sample Measurement Permit Requirement Sample Measurement Sample Measurement Permit Requirement Sample Measurement	* ****	J O***)* 15	Report		(10)			
Effluent Gross Value Solids, Total Dissolved 70295 1 0 0 Effluent Gross Value Oil and Grease, Visual 84066 1 0 0 Effluent Gross Value Sample Measurement Measurement Sample Measurement Permit Requirement Sample Measurement Permit Requirement Sample Measurement Sample Measurement Permit Requirement Sample Measurement Permit Requirement Sample Measurement Sample Measurement Sample Measurement Sample Measurement	* 2000		******		1.0	(10)			
Solids, Total Dissolved 70295 1 0 0 Effluent Gross Value Oil and Grease, Visual 84066 1 0 0 Effluent Gross Value Sample Measurement Permit Requirement Sample Measurement Permit Requirement Sample Measurement Permit Requirement Sample Measurement Permit Requirement Sample Measurement Permit Requirement Sample Measurement Sample Measurement	2000				Daily max	(19) mg/L		once/month	Grab
######################################	2000		*****	*****	*****	****		1/30	Grab
Oil and Grease, Visual 84066	Daily max	(26) lbs/day	*****	*****	*****	****		once/month	Grab
Effluent Gross Value Requirement Sample Measurement Permit Requirement Sample Measurement Measurement	*	(94)	*****	*****	*****	****		4/30	Visual
Measurement Permit Requirement Sample Measurement	∗ 0 inst max	yes =1 no=0	*****	*****	*****	****		Weekly	Visual
Requirement Sample Measurement									
Measurement									
Permit									
Requirement									
Name/True Trincipal Executive Officer	enalty of law that I have p	•		Bute.	07/07/2			Telephone	
Dee Jense - President InterWest immediately reinformation is Mining Company	ponsible for obtaining the	e information, I believ	e the submitted re significant penalties		afella	ster	435	687-	9821
include fines v Typed or Printed 5 years.)	rue, accurate and complete alse information, including uph 1001 and 33 USC para	g the possibility of fin	•			fficer or	Area Code	687-9821	

Comments and explanation of any violations:

Name: PacifiCorp, Energy West Mining Company

Address: P.O. Box 310

Huntington, Utah 84528
Facility: Cottonwood/Wilberg Mine

UT0022896 Permit Number 05/01/2003 05/31/2003 Monitoring Period

Minor

Sediment pond outfall from waste rock site

005A

Discharge Number

No Discharge

Parameter		Quan	tity or Loadin	ng	Qı	antity or Co	ncentration			F 6	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Frequency of Analysis	Sample Typ
Flow Rate	Sample Measurement				*****	*****	*****	****			
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	(03) mgd	*****	*****	*****	****		once/month	Measured
рΗ	Sample Measurement	*****	*****	****		*****					
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	*****	*****	****	*****	-46	0				
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	***	sch		7 day max	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	*****	k: (*****	NR				
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	NU	****	*****	*****	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	*****	****	*****						
01045 10 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	*****			*****	*****	*****	****		1/30	Grab
70295 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	*****	*****	*****	****		once/month	Grab
Oil and Grease, Visual	Sample Measurement	*****		(94)	*****	*****	******	****			
84066 1 0 0 Effluent Gross Value	Permit Requirement	*****	0 inst max	yes =1 no=0	*****	*****	*****	****		Weekly	Visual
Name/Tital Principal Ex	ecutive Officer		of law that I have personal	-		Date:	07/07/20	003		Telephone	
Dee Jense - Preside Mining Com		immediately responsible information is true, according for submitting false into	herein; and based on my ole for obtaining the information, including the p formation, including the p ol and 33 USC paragraph	nation, I believ aware that ther ossibility of fin	e the submitted re significant penalties re and imprisonment. See	C	nolla	tes	435	687	-9821
Typed or Prii			0,000 and or maximum i			Ü	rincipal Executive O uthorized Agent	fficer or	Area Code	Nu	mber
	c :					l			<u> </u>	I.	

Comments and explanation of any violations:

Name: PacifiCorp, Energy West Mining Company

Address: P.O. Box 310

Huntington, Utah 84528
Facility: Cottonwood/Wilberg Mine

UT0022896 Permit Number 05/01/2003 05/31/2003 Monitoring Period Minor

F - Final, Combination 002, 003, & 005

SUM A
Discharge Number

No Discharge

Parameter		Quan	tity or Loadir	ıg	Qu	antity or Co	ncentration			Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
solids, Total Dissolved	Sample Measurement				*****	*****	*****				
0295 100 Effluent Gross Value	Permit Requirement	Report 30 day avg	2000 Daily max	(26) lbs/day	*****	*****	*****	****		once/month	Grab
	Sample Measurement										
	Permit Requirement					.40					
	Sample Measurement				1 h	arge					
	Permit Requirement				NISCH		5				
	Sample Measurement		FIC	0	_	0 00	J				
	Permit Requirement		1		003.	0					
	Sample Measurement			M	UU 7						
	Permit Requirement		Fro	1111							
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
Name/Title Principal Ex	ecutive Officer		of law that I have persona herein; and based on my	•		Date:	07/07/20	003		Telephone	
Dee Jense - Preside Mining Com		immediately responsible information is true, according for submitting false into	the for obtaining the information and complete. I am formation, including the p	nation, I believe aware that ther ossibility of fin	e the submitted e significant penalties e and imprisonment. See		gella	tio	435	687-	-9821
18 USC paragraph 1001 and 33 USC paragra include fines up to \$10,000 and or maximu and 5 years.)						-	incipal Executive O thorized Agent	fficer or	Area Code	Nu	mber

Comments and explanation of any violations:

Total discharge of TDS from outfalls 002, 003, and 005 shall not exceed 2,000 lbs/day during draw down.

Name: PacifiCorp, Energy West Mining Company

Address: P.O. Box 310

Huntington, Utah 84528 Facility: **Des Bee Dove Mine**

UTG040022 Permit Number 05/01/2003 05/31/2003 Monitoring Period 001A Discharge Number No Discharge

Parameter		Quan	tity or Loadin	g	Qı	uantity or Co	ncentration			Engguenay - f	
- W2 W224		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow Rate	Sample Measurement	< 0.01	0.01		*****	*****	*****	****	0		
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	*****	*****	*****	****		once/month	Estimated
рН	Sample Measurement	*****	*****	****	6.21	*****	6.21		0		
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU			
Solids, Total Suspended	Sample Measurement	*****	*****	****	*****	6	6		***	****	****
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	******	****	*****	25 30 day avg	70 daily max	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	*****	****	*****	*****	N/A		***		
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	******	****	*****	*****	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	*****	****	*****	*****	0.16		***	****	****
1045 10 0 Permit Requirement	*****	*****	****	*****	*****	1.0 Daily max	(19) mg/L		once/month	Grab	
Solids, Total Dissolved	Sample Measurement	*****	470	****	*****	*****	3910		0		
70295 100 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	*****	*****	Report Daily max	(19) mg/L		once/month	Grab
	Sample Measurement	*****	0	****	*****	*****	*****	****	0		
Oil and Grease, Visual 84066 100 Effluent Gross Value	Permit Requirement	*****	0 inst max	(94) yes =1 no=0	******	*****	*****	****		Weekly	Visual
Name/Title Principal Ex	xecutive Officer		of law that I have persona herein; and based on my	•		Date:	07/07/20	003		Telephone	
Dee Jense - Preside Mining Con		immediately responsible information is true, according for submitting false information.	le for obtaining the inforr urate and complete. I am formation, including the p 1 and 33 USC paragraph	nation, I believ aware that ther ossibility of fin	e the submitted re significant penalties re and imprisonment. See		nofella	_	435	687-	-9821
Typed or Pri	ntod		0,000 and or maximum is			_	rincipal Executive O uthorized Agent	officer or	Area Code	Nu	mber

Comments and explanation of any violations:

Oil and grease not to exceed 10 mg/L if sheen is observed. Settleable solids shall be measured during storm water discharge.

Name: PacifiCorp, Energy West Mining Company

Address: P.O. Box 310

Huntington, Utah 84528

Facility: Hunter Coal Preparation Plant

UTG040009 Permit Number 05/01/2003 05/31/2003 Monitoring Period 001A Discharge Number No Discharge

		Orror	tity on I acdin	α	0.	uantity or Co	ncontration				
Parameter		Average	Maximum	g Units	Minimum	Average	Maximum	Units	No. Ex.	Frequency of Analysis	Sample Typ
Flow Rate	Sample Measurement				*****	*****	*****	****			
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	*****	*****	*****	****		once/month	Estimated
рН	Sample Measurement	*****	*****	****		*****					
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU			
Solids, Total Suspended	Sample Measurement	*****	*****	****	*****				****	****	****
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	25 30 day avg	70 daily max	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	*****	****	*****	*112	TUE		****		
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****			Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	*****		*****	*****			****	****	****
01045 10 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	*****	1.0 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	*****	*****	****	*****	*****					
70295 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	*****	*****	Report Daily max	(19) mg/L		once/month	Grab
	Sample Measurement	*****		****	*****	*****	*****	****			
Oil and Grease, Visual 84066 1 0 0 Effluent Gross Value	Permit Requirement	*****	0 inst max	(94) yes =1 no=0	*****	*****	*****	****		Weekly	Visual
Name/Title Principal E	xecutive Officer		of law that I have persona	•		Date:	07/07/20	003		Telephone	
Dee Jense - Presid Mining Cor	ent InterWest	immediately responsible information is true, according for submitting false into	herein; and based on my ole for obtaining the information, including the p formation, including the p	nation, I believ aware that the ossibility of fir	re the submitted re significant penalties re and imprisonment. See		ngella	tis	435	687	-9821
Typed or Pr			11 and 33 USC paragraph 0,000 and or maximum i			O	rincipal Executive Outhorized Agent	Officer or	Area Code	Nu	mber
1 ypeu of F1	iiiteu	I				l			I	<u>i </u>	

Comments and explanation of any violations:

Oil and grease not to exceed 10 mg/L if sheen is observed. Settleable solids shall be measured during storm water discharge.

Copied from EPA Form 3320-1 (8-95)

Name: PacifiCorp, Energy West Mining Company

Address: P.O. Box 310

Huntington, Utah 84528

Facility: Hunter Coal Preparation Plant

UTG040009 Permit Number 05/01/2003 05/31/2003 Monitoring Period 002A Discharge Number No Discharge

Parameter		Quan	tity or Loadin	ıg	Q	uantity or Co	ncentration			E e	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Frequency of Analysis	Sample Tyr
Flow Rate	Sample Measurement				*****	*****	*****	****			
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	*****	*****	*****	****		once/month	Estimated
pН	Sample Measurement	*****	*****	****		*****					
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU			
Solids, Total Suspended	Sample Measurement	*****	*****	****	*****				****	****	****
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	25 30 day av	70 il 74	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	*****	****	A				****		
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	*****		** **	*****	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	*****	****	*****	*****			****	****	****
01045 10 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	*****	1.0 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	*****	*****	****	*****	*****					
70295 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	*****	*****	Report Daily max	(19) mg/L		once/month	Grab
	Sample Measurement	*****		****	*****	*****	*****	****			
Oil and Grease, Visual 84066 1 0 0 Effluent Gross Value	Permit Requirement	*****	0 inst max	(94) yes =1 no=0	*****	*****	*****	****		Weekly	Visual
Name/Title Principal Ex	ecutive Officer		of law that I have persona herein; and based on my	•		Date:	07/07/2	003		Telephone	
Dee Jense - Preside Mining Con		immediately responsible information is true, according for submitting false into	the for obtaining the information and complete. I am formation, including the p	mation, I believe aware that the cossibility of fin	re the submitted re significant penalties ne and imprisonment. Sec	C	ngella	tes	435	687-	-9821
Typed or Pri			11 and 33 USC paragraph 0,000 and or maximum i			Ü	Principal Executive C authorized Agent	Officer or	Area Code	Nu	mber

Comments and explanation of any violations:

Oil and grease not to exceed 10 mg/L if sheen is observed. Settleable solids shall be measured during storm water discharge.

Copied from EPA Form 3320-1 (8-95)